

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| S3 | 1 | ("6272377").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/01/25 15:01 |
| S4 | 8 | ("20030100822" "4703756" "5062841" "5305745" "5843156" "6296630" "6350463" "6751491").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/01/25 15:01 |
| S5 | 9 | S3 S4 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/01/25 15:41 |
| S6 | 8 | S5 and electrical | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/01/25 15:14 |
| S7 | 6 | S5 and (vein artery (blood adj vessel)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/01/25 15:21 |
| S8 | 3 | S5 and tachyarrhythmia | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/01/25 15:24 |
| S9 | 430 | (600/528).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/01/25 15:24 |
| S10 | 4 | S5 and (IMD pacemaker) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/01/25 15:41 |
| S11 | 0 | S5 and (IMD implantablepacemaker) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/01/25 15:41 |
| S12 | 9 | S5 and (IMD implantable pacemaker) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/01/25 15:47 |
| S13 | 3 | S5 and ((acoustic ultrasound) same controller) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/01/25 16:03 |
| S14 | 3 | S5 and intravascular | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/01/25 16:02 |

EAST Search History

| | | | | | | |
|-----|-----|---|---|----|-----|------------------|
| S15 | 3 | S13 and (lead catheter) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/01/25 16:03 |
| S16 | 3 | S5 and ((acoustic ultrasound) same (lead catheter)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/01/26 10:03 |
| S17 | 2 | S5 and ischemia | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/01/25 16:05 |
| S18 | 8 | ("20030100822" "4703756" "5062841" "5305745" "5843156" "6296630" "6350463" "6751491").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/01/26 08:07 |
| S19 | 430 | (600/528).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/01/26 08:09 |
| S20 | 1 | ("6272377").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/01/26 08:38 |
| S21 | 8 | ("20030100822" "4703756" "5062841" "5305745" "5843156" "6296630" "6350463" "6751491").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/01/26 08:38 |
| S22 | 9 | S20 S21 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/01/26 08:38 |
| S23 | 6 | S22 and (vein artery (blood adj vessel)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/01/26 08:38 |
| S24 | 6 | S22 and (vein artery (blood adj vessel)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/01/26 08:38 |
| S25 | 3 | S21 and myocardium | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/01/26 10:03 |
| S26 | 1 | ("6272377").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/08 16:21 |

EAST Search History

| | | | | | | |
|-----|------|---|---|----|----|------------------|
| S27 | 8 | ("20030100822" "4703756" "5062841" "5305745" "5843156" "6296630" "6350463" "6751491").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/08 16:33 |
| S28 | 6893 | sensor and biocompatible and implant\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/08 16:34 |
| S29 | 3147 | S28 and (swell\$3 (chang\$3 same (size stiffness density))) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/08 16:35 |
| S30 | 2571 | S28 and ((chang\$3 same (size stiffness density))) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/08 16:54 |
| S31 | 1037 | S29 and (acoustic ultrasound) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/08 16:36 |
| S32 | 742 | S29 and ultrasound | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/08 16:36 |
| S33 | 456 | S32 and (reflection transmission attenuation) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/08 16:36 |
| S34 | 77 | S33 and (myocardium) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/08 16:36 |
| S35 | 25 | S34 and (sphere spherical) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/08 16:36 |
| S36 | 25 | S35 and catheter | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/08 16:37 |
| S37 | 20 | S36 and (computer network telephony) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/08 17:00 |
| S38 | 18 | S37 and (ph ion) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/08 16:38 |

EAST Search History

| | | | | | | |
|-----|------|---|---|----|----|------------------|
| S39 | 18 | S38 and (coronary artery) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/08 16:38 |
| S40 | 14 | S39 and (ischemia tachyarrhythmi\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/08 17:00 |
| S41 | 1930 | hydrogel and catheter and (ultrasound acoustic) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/08 16:47 |
| S42 | 37 | hydrogel same catheter same (ultrasound acoustic) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/08 16:53 |
| S43 | 549 | (ultrasound acoustic) same (ischemia tachyarrhythmi\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/08 16:54 |
| S44 | 111 | S43 and sphere | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/08 16:54 |
| S45 | 105 | S44 and (myocardium heart cardiac) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/08 16:54 |
| S46 | 73 | S45 and (((chang\$3 differ\$4) same (size stiffness density))) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/08 16:58 |
| S47 | 63 | S45 and (((chang\$3 differ\$4) near\$3 (size stiffness density))) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/08 16:55 |
| S48 | 63 | S47 and (reflect\$4 transmission transmit\$3 attenuat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/08 16:56 |
| S49 | 45 | S47 and catheter | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/08 16:56 |
| S50 | 4 | S39 not S40 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/08 16:56 |

EAST Search History

| | | | | | | |
|-----|--------|---|---|----|-----|------------------|
| S51 | 7 | S36 not S38 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/08 16:56 |
| S52 | 52 | S34 not S35 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/08 16:56 |
| S53 | 100201 | sens\$3 same (chang\$3 differ\$4) same (size stiffness density) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/08 16:59 |
| S54 | 26501 | sens\$3 same ((chang\$3 differ\$4) near3 (size stiffness density)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/08 16:59 |
| S55 | 2073 | S54 and (ultrasound acoustic) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/08 16:59 |
| S56 | 281 | S55 and ("600" "607").clas. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/08 16:59 |
| S57 | 143 | S56 and (myocardi\$2 heart cardiac) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/08 16:59 |
| S58 | 107 | S57 and (computer network telephony) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/08 17:00 |
| S59 | 22 | S58 and (ischemia tachyarrhythmi\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/08 17:00 |
| S60 | 1 | ("5,653,732").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/08/09 11:18 |

EAST Search History

| | | | | | | |
|-----|----|--|---|----|-----|------------------|
| S61 | 24 | (US-20030100822-\$ or US-20050049492-\$ or US-20020176849-\$ or US-20040267086-\$ or US-20020119441-\$).did. or (US-6272377-\$ or US-6751491-\$ or US-6350463-\$ or US-6296630-\$ or US-5843156-\$ or US-5305745-\$ or US-4703756-\$ or US-5062841-\$ or US-6416740-\$ or US-6322515-\$ or US-5445155-\$ or US-7198949-\$ or US-7083572-\$ or US-7078015-\$ or US-6939530-\$ or US-6537246-\$ or US-6348186-\$ or US-6315981-\$ or US-6123923-\$).did. | US-PGPUB; USPAT | OR | ON | 2007/08/09 12:19 |
| S62 | 1 | ("6296630").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/08/09 12:20 |
| S63 | 13 | S61 and sensor | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/09 12:49 |
| S64 | 23 | S61 and tissue | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/09 12:49 |
| S65 | 22 | S61 and (acoustic ultrasound) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/09 12:52 |
| S66 | 23 | S61 and (size swell\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/09 12:56 |
| S67 | 19 | S61 and (stiffness density (acoustic same (reflection transmission transmittance attenuation))) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/09 13:03 |
| S68 | 21 | S61 and (myocardi\$2 heart cardiac) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/09 13:04 |
| S69 | 14 | S61 and (sphere microsphere) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/09 13:07 |
| S70 | 24 | S61 and (catheter lead) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/09 13:16 |

EAST Search History

| | | | | | | |
|-----|------|---|---|----|----|------------------|
| S71 | 20 | S61 and (display output) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/09 13:18 |
| S72 | 19 | S61 and (ion\$2 ph) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/09 13:54 |
| S73 | 23 | S61 and (external programmer computer) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/09 13:50 |
| S74 | 19 | S61 and (coronary artery vein) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/09 14:04 |
| S75 | 16 | S61 and ischemi\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/09 14:12 |
| S76 | 5 | S61 and (tachycardia\$1 tachyarrhythmi\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/09 14:08 |
| S77 | 5 | S61 and (tachycardia\$1 tachyarrhythmi\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/13 11:01 |
| S78 | 6866 | (ultrasound ultrasonic) same (housing pmma polymethylmethacrylate) same (transmit\$3 through) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/09 14:15 |
| S79 | 410 | S78 and implant\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/09 14:14 |
| S80 | 218 | S79 and ("600" "607").clas. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/09 14:14 |
| S81 | 1257 | (ultrasound ultrasonic) same ((housing pmma polymethylmethacrylate) near3 (through)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/09 14:15 |
| S82 | 53 | S81 and implant\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/09 14:15 |

EAST Search History

| | | | | | | |
|-----|-----|--|---|----|-----|------------------|
| S83 | 21 | S82 and ("600" "606" "607").clas. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/09 14:22 |
| S84 | 32 | S82 not S83 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/09 14:24 |
| S85 | 206 | ultrasound same detect\$3 same through same (housing implant imd) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/09 14:25 |
| S86 | 206 | S85 not (S82 S83 S84) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/09 14:25 |
| S87 | 91 | S86 and ("600" "607").clas. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/09 14:25 |
| S88 | 48 | ultrasound same detect\$3 same (through near3 (housing implant imd)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/09 14:25 |
| S89 | 27 | S88 and ("600" "607" "606").clas. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/09 14:25 |
| S90 | 1 | ("5,161,536").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/08/10 13:11 |
| S91 | 28 | (US-20030100822-\$ or US-20020176849-\$ or US-20020119441-\$ or US-20050049492-\$ or US-20040267086-\$).did. or (US-5161536-\$ or US-6751491-\$ or US-6350463-\$ or US-6296630-\$ or US-6272377-\$ or US-5843156-\$ or US-5305745-\$ or US-4703756-\$ or US-5062841-\$ or US-7083572-\$ or US-6416740-\$ or US-7078015-\$ or US-7198949-\$ or US-6315981-\$ or US-6123923-\$ or US-6939530-\$ or US-6537246-\$ or US-6348186-\$ or US-6322515-\$ or US-5445155-\$ or US-6770032-\$ or US-5993378-\$ or US-5324297-\$).did. | US-PGPUB; USPAT | OR | ON | 2007/08/13 12:19 |

EAST Search History

| | | | | | | |
|----------|-----|---|---|----|-----|------------------|
| S92 | 7 | S91 and (tachycardia\$1 tachyarrhythmi\$2 arrhythmi\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/13 11:17 |
| S93 | 8 | ("20030100822" "4703756" "5062841" "5305745" "5843156" "6296630" "63 50463" "6751491").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/13 11:09 |
| S94 | 1 | ("6272377").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/13 11:09 |
| S95 | 9 | S93 S94 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/13 11:09 |
| S96 | 19 | S91 not S95 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/13 11:12 |
| S97 | 442 | (600/528).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/08/13 11:12 |
| S98 | 17 | S91 and (tachycardia\$1 tachyarrhythmi\$2 arrhythmi\$2 ischemia) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/13 11:18 |
| S99 | 16 | S91 and (ischemia) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/13 12:45 |
| S10 0 | 48 | ultrasound same detect\$3 same (through near3 (housing implant imd)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/13 11:51 |
| S10 1 | 4 | S91 and organelle | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/13 11:52 |
| S10 2 | 0 | S91 and ((ultrasound ultrasonic acoustic) same organelle) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/13 11:54 |
| S10 3 | 4 | S91 and (ultrasound ultrasonic acoustic) and organelle | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/13 11:54 |
| S10 4 | 20 | S91 and (artery vein) | US-PGPUB; USPAT | OR | ON | 2007/08/13 12:19 |

EAST Search History

| | | | | | | |
|----------|----|---|---|----|----|------------------|
| S10 5 | 13 | S99 and (sphere spherical microsphere) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/13 12:46 |
|----------|----|---|---|----|----|------------------|